

**INDEX**  
**RUBBER CHEMISTRY AND TECHNOLOGY**  
**VOLUME 80, 2007**  
**AUTHOR INDEX**

- Abraham, Tonson; Barber, Norman; Mallamaci, Michael;** Oil Distribution in iPP/EPDM Thermoplastic Vulcanizates (2) 324
- Adamu, Bashir,** see **Hamed, Gary R.:** (5) 820
- Ahagon, Asahiro; Kirino, Yoshiaki;** Mechanochemical Reactions in Black-Filled SBR Vulcanizates Under Large Deformation (2) 264
- Al-Yamani, Faisal; Goettler, Lloyd A.;** Nanoscale Rubber Reinforcement: A Route to Enhanced Intercalation in Rubber-Silicate Nanocomposites (1) 100
- Argulló Chaler, N.,** see **Borrós, Salvador:** (5) 739
- Audouin, L.,** see **Colin, Xavier:** (4) 621
- Balard, H.,** see **Donnet, Jean-Baptiste:** (5) 895
- Baldwin, John M.,** see **Bauer, David R.:** (4) 726
- Barber, Norman,** see **Abraham, Tonson:** (2) 324
- Bauer, David R.; Baldwin, John M.; Ellwood, Kevin R.;** Correlation of Laboratory Tire Endurance and Rubber Aging (4) 726
- Bhowmick, Anil K.; Sahoo, Suchismita;** Polyhedral Oligomeric Silsesquioxane (POSS) Nanoparticles as New Crosslinking Agent for Functionalized Rubber (5) 826
- Bhowmick, Anil K.; Biswas, Amit; Gupta, Samik; Krishnamurthy, Raja; Preschilla, Nisha;** Development and Properties of Novel Thermoplastic Elastomer Based on Poly(phenylene ether) (4) 642
- Biswas, Amit,** see **Bhowmick, Anil K.:** (4) 642
- Borrós, Salvador; Argulló Chaler, N.; Vega, B.;** Study of the Influence of Microwaves in the Mechanism of Sulfenamide Accelerated Vulcanization of Natural Rubber Using Squalene as a Model Compound (5) 739
- Bouchereau, M.N.,** see **Chazeau, Laurent:** (1) 183
- Busfield, James; Fukahori, Yoshihide; Kumar, P.; Thomas, A.G.;** Recycled Rubber: The Rubber Granulate - Virgin Rubber Interface (1) 24
- Chazeau, Laurent; Bouchereau, M.N.; Gauthier, C.; Guy, L.; Ramier, J.;** Influence of Silica and its Different Surface Treatments on the Vulcanization Process of Silica Filled SBR (1) 183
- Colin, Xavier; Audouin, L.; Verdu, Jacques;** Kinetic Modelling of the Thermal Oxidation of Polyisoprene Elastomers (4) 621
- Datta, Rabin N.; Datta, S.; Talma, A.G.;** Rubber Vulcanizates Degradation and Stabilization (3) 436
- Datta, Rabin N.;** Mechanistic Study on the Role of Sulfurized Para-Aramid Short Fibers in Rubber to Brass Adhesion (2) 296
- Datta, Rabin N.,** see **Sahakaro, Kannika:** (1) 115
- Datta, Rabin N.,** see **Wennekes, Wilco B.:** (4) 545
- Datta, Rabin N.,** see **Wennekes, Wilco B.:** (4) 565
- Datta, S.,** see **Datta, Rabin N.:** (3) 436
- Datta, Sudhin,** see **Hu, Weiguo:** (1) 1
- de los Angeles Vargas H., M.A.; Herrera, R.; Manero, Octavio;** Modeling of the Linear Viscoelastic Behavior of Partially Hydrogenated Polymer- Modified Asphalts (2) 340
- Dias, Anthony J.,** see **Winesett, Donald A.:** (1) 14
- Dierkes, Wilma K.; Joseph, R.; Noordermeer, Jacques W.M.; Rajan, Vipin V.;** Application of NR Based Latex Reclaim: The Link Between Structure and Properties (1) 40
- Donnet, Jean-Baptiste; Balard, H.; Maafa, D.;** The Study of Adsorption of Iodine on Carbon Black by Inverse Liquid Chromatography (5) 895
- Ellul, Maria D.,** see **Hu, Weiguo:** (1) 1
- Ellwood, Kevin R.,** see **Bauer, David R.:** (4) 726
- Fatemi, A.,** see **Harbour, Ryan J.:** (5) 838
- Fatemi, A.,** see **Mars, William V.:** (1) 169

- Fukahori, Yoshihide**; Generalized Concept of the Reinforcement of Elastomers. Part 1: Carbon Black Reinforcement of Rubbers (4) 701
- Fukahori, Yoshihide**; Generalized Concept of the Reinforcement of Elastomers. Part 3: Self-Reinforcement by the Formation of Continuous Hard Phase in Segmented Polyurethane Elastomer (5) 777
- Fukahori, Yoshihide**, see Busfield, James: (1) 24
- Gauthier, C.**, see Chazeau, Laurent: (1) 183
- Giese, Ulrich**, see Schuster, Robert: (5) 762
- Goettler, Lloyd A.**, see Al-Yamani, Faisal: (1) 100
- Goossens, J.G.P.**, see l'Abée, R.M.A.: (2) 311
- Göriz, Dietmar**, see Lang, Michael (5) 873
- Grosch, Karl A.**; Rubber Friction in Relation to Tire Traction (3) 379
- Grosch, Karl A.**, see Heinz, Michael: (4) 580
- Gupta, Samik**, see Bhowmick, Anil K.: (4) 642
- Gurvich, Mark R.**; On Effective Modeling of Laminated Cord-Rubber Composites (4) 608
- Guy, L.**, see Chazeau, Laurent: (1) 183
- Hamed, Gary R.; Adamu, Bashir**; T-Peel Tearing of a Model Black-Filled Natural Rubber Tread Ply Vulcanizate (5) 820
- Hamed, Gary R.**; Rubber Reinforcement and Its Classification (3) 533
- Harbour, Ryan J.; Fatemi, A.; Mars, William V.**; The Effect of a Dwell Period on Fatigue Crack Growth Rates in Filled SBR and NR (5) 838
- Heinz, Michael; Grosch, Karl A.**; Laboratory Method to Evaluate Comprehensively Abrasion, Traction and Rolling Resistance of Tire Tread Compounds (4) 580
- Hergenrother, William L.**, see Hogan, Terrence E.: (2) 194
- Herrera, R.**, see de los Angeles Vargas H., M.A.: (2) 340
- Hertz, Daniel**; Elastomers - An Engineering Material (3) 520
- Hogan, Terrence E.; Hergenrother, William L.; Lawson, David F.; Yan, Yuan-Yong**; Lithiated Thioacetals as Initiators for Living Anionic Polymerization of Diene Elastomers: Polymerization and Compounding (2) 194
- Hotaka, Takeshi; Ishikawa, Yasuhiro; Mori, Kunio**; Characterization of Adhesion Interlayer Between Rubber and Brass by a Novel Method of Sample Preparation (1) 61
- Hsiao, Benjamin S.**, see Kohjiya, Shinzo: (2) 251
- Hu, Weiguo; Datta, Sudhin; Ellul, Maria D.; Tsou, Andy H.**; Filler Distribution and Domain Size of Elastomer Compounds by Solid-State NMR and AFM (1) 1
- Ikeda, Yuko**, see Kato, Atsushi: (4) 690
- Ikeda, Yuko**, see Kohjiya, Shinzo: (2) 251
- Insom, Kittipong**, see Sakdapipanich, Jitladda: (2) 212
- Isayev, Avraam**, see von Meerwall, Ernst: (5) 854
- Ishikawa, Yasuhiro**, see Hotaka, Takeshi: (1) 61
- Isono, Yoshinobu**, see Kawahara, Seiichi: (5) 751
- Joseph, Kuruvilla**, see Thomas, Sabu: (4) 672
- Joseph, R.**, see Dierkes, Wilma K.: (1) 40
- Joshi, Tirtha**, see von Meerwall, Ernst: (5) 854
- Kato, Atsushi; Ikeda, Yuko; Kohjiya, Shinzo**; Nanostructure in Traditional Composites of Natural Rubber and Reinforcing Silica (4) 690
- Kato, Atsushi**, see Kohjiya, Shinzo: (2) 251
- Kawahara, Seiichi; Isono, Yoshinobu; Sakai, Junichiro; Ukawa, Jinta**; <sup>13</sup>C-NMR Spectroscopy of Natural Rubber Vulcanizates (5) 751
- Kirino, Yoshiaki**, see Ahagon, Asahiro: (2) 264
- Kohjiya, Shinzo; Hsiao, Benjamin S.; Ikeda, Yuko; Kato, Atsushi; Poompradub, Sirilux; Shimanuki, Junichi; Toki, Shigeyuki; Tosaka, Masatoshi**; Nano-Structural Elucidation in Carbon Black Loaded NR Vulcanizate by 3D-TEM and *In Situ* WAXD Measurements (2) 251
- Kohjiya, Shinzo**, see Kato, Atsushi: (4) 690
- Kreitmeier, Stefan**, see Lang, Michael: (5) 873
- Krishnamurthy, Raja**, see Bhowmick, Anil K.: (4) 642
- Kumar, P.**, see Busfield, James: (1) 24

- Kunert, Anna, see Zaborski, Marian: (2) 279
- l'Abée, R.M.A.; Goossens, J.G.P.; van Duin, Martin; Thermoplastic Vulcanizates by Reaction-Induced Phase Separation (2) 311
- Lang, Michael, Göritz, Dietmar; Kreitsmeier, Stefan; Entanglements in Polymer Networks (5) 873
- Lawson, David F., see Hogan, Terrence E.: (2) 194
- Lewniewska, Ewa, see Zaborski, Marian: (2) 279
- Maafa, D., see Donnet, Jean-Baptiste: (5) 895
- Mallamaci, Michael, see Abraham, Tonson: (2) 324
- Manero, Octavio, see de los Angeles Vargas H., M.A.: (2) 340
- Mars, William V.; Fatemi, A.; Correlation of Fatigue Crack Growth Rates in Rubber Subjected to Multiaxial Loading Using Continuum Mechanical Parameters, The (1) 169
- Mars, William V.; Fatigue Life Prediction for Elastomeric Structures (3) 481
- Mars, William V., see Harbour, Ryan J.: (5) 838
- Martin-Martínez, José; Navarro-Bañón, M. Virtudes; Pastor-Blas, M. Mercedes; Environmental Friendly Surface Treatment of SBS Rubber with Acidified Chloramine T Aqueous Solutions (1) 139
- Marykuty, C.V., see Thomas, Sabu: (5) 809
- Mathew, G., see Thomas, Sabu: (5) 809
- Mead, Joey; Murphy, Dan; Threepopnatkul, Poonsub; Zukas, Walter; Fiber Structure and Mechanical Properties of Electrospun Butyl Rubber with Different Carbon Black Types (2) 231
- Mori, Kunio, see Hotaka, Takeshi: (1) 61
- Murphy, Dan, see Mead, Joey: (2) 231
- Nakajima, Yukio; Numerical Simulation of Tire Traction on Various Road Conditions (3) 412
- Naskar, Kinsuk; Thermoplastic Elastomers Based on PP/EPDM Blends by Dynamic Vulcanization: A Review (3) 504
- Naskar, N., see Sahakaro, Kannika: (1) 115
- Navarro-Bañón, M. Virtudes, see Martín-Martínez, José: (1) 139
- Noordermeer, Jacques W.M., see Dierkes, Wilma K.: (1) 40
- Noordermeer, Jacques W.M., see Romana de Risi, Francesca: (1) 83
- Noordermeer, Jacques W.M., see Sahakaro, Kannika: (1) 115
- Noordermeer, Jacques W.M., see Wenekes, Wilco B.: (4) 545
- Noordermeer, Jacques W.M., see Wenekes, Wilco B.: (4) 565
- Oommen, Zachariah, see Thomas, Sabu: (4) 672
- Pastor-Blas, M. Mercedes, see Martín-Martínez, José: (1) 139
- Phupewkeaw, Nataphon, see Sakdapipanich, Jitladda: (2) 212
- Pietrasik, Joanna, see Zaborski, Marian: (2) 279
- Poompradub, Sirilux, see Kohjiya, Shinzo: (2) 251
- Preschilla, Nisha, see Bhowmick, Anil K.: (4) 642
- Puskas, Judit E.; Effect of Architecture on the Properties of Polyisobutylene-Based TPE Materials (4) 661
- Rajan, Vipin V., see Dierkes, Wilma K.: (1) 40
- Raju, K.V.S.N., see Thomas, Sabu: (4) 672
- Ramier, J., see Chazeau, Laurent: (1) 183
- Riyajan, Sa-ad, see Sakdapipanich, Jitladda: (2) 362
- Romana de Risi, Francesca; Noordermeer, Jacques W.M.; Peroxide Cured Ethylene-Propylene-Diene/Polypropylene (PP/EPDM) Thermoplastic Vulcanizates Effects of Methacrylate Co-Agents on Properties (1) 83
- Sahakaro, Kannika; Datta, Rabin N.; Naskar, N.; Noordermeer, Jacques W.M.; Reactive Blending, Reinforcement and Curing of NR/BR/EPDM Compounds for Tire Sidewall Applications (1) 115
- Sahoo, Suchismita, see Bhowmick, Anil K.: (5) 826
- Sakai, Junichiro, see Kawahara, Seiichi: (5) 751
- Sakdapipanich, Jitladda; Tanaka, Yasuyuki; Tuampoemsab, Surakit; Influence of Some Non-Rubber Components on Aging Behavior of Purified Natural Rubber (1) 159
- Sakdapipanich, Jitladda; Riyajan, Sa-ad; Tanaka, Yasuyuki; Partially Cyclized Natural Rubber in Latex Via Combinations of Benzotrichloride and Sulfuric Acid System (2) 362
- Sakdapipanich, Jitladda; Insom, Kittipong; Phupewkeaw, Nataphon; Composition of Color Substances of Hevea Brasiliensis Natural Rubber (2) 212

- Santoso, Marcus, see Schuster, Robert: (5) 762
- Schuster, Robert; Giese, Ulrich; Santoso, Marcus; Investigations on Initial Stage of Aging of Tire Rubbers by Chemiluminescence Spectroscopy (5) 762
- Shimanuki, Junichi, see Kohjiya, Shinzo: (2) 251
- Stephen, Ranimol, see Thomas, Sabu: (4) 672
- Stevens, Paul S., see Winesett, Donald A.: (1) 14
- Sun, Ximei, see von, Meerwall Ernst: (5) 854
- Szynkowska, Malgorzata Iwona, see Zaborski, Marian: (2) 279
- Talma, A.G., see Datta, Rabin N.: (3) 436
- Tanaka, Yasuyuki, see Sakdapipanich, Jitladda: (2) 362
- Tanaka, Yasuyuki, see Sakdapipanich, Jitladda: (1) 159
- Thomas, Sabu; Joseph, Kuruvilla; Oommen, Zachariah; Raju, K.V.S.N.; Stephen, Ranimol; Varghese, Siby; Dynamic Mechanical and Dielectric Properties of Nanocomposites of Natural Rubber (NR), Carboxylated Styrene Butadiene Rubber (XSBR) Latexes and Their Blends (4) 672
- Thomas, Sabu; Marykutty, C.V.; Mathew, G.; Mechanical and Swelling Behavior of Double Networked Natural Rubber Cured Using a New Binary Accelerator System (5) 809
- Thomas, A.G., see Busfield, James: (1) 24
- Threepopnatkul, Poonsub, see Mead, Joey: (2) 231
- Toki, Shigeyuki, see Kohjiya, Shinzo: (2) 251
- Tosaka, Masatoshi, see Kohjiya, Shinzo: (2) 251
- Tsou, Andy H., see Hu, Weiguo: (1) 1
- Tsou, Andy H., see Winesett, Donald A.: (1) 14
- Tuampoemsab, Surakit, see Sakdapipanich, Jitladda: (1) 159
- Ukawa, Jinta, see Kawahara, Seiichi: (5) 751
- van Duin, Martin, see l'Abbe, R.M.A.: (2) 31
- Varghese, Siby, see Thomas, Sabu: (4) 672
- Vega, B., see Borrós, Salvador: (5) 739
- Verdu, Jacques, see Colin, Xavier: (4) 621
- von Meerwall, Ernst; Isayev, Avraam; Joshi, Tirtha; Sun, Ximei; Molecular Mobility of Unfilled and Carbon-Black-Filled Isoprene Rubber: Proton NMR Transverse Relaxation and Diffusion (5) 854
- Wennekes, Wilco B.; Datta, Rabin N.; Noordermeer, Jacques W.M.; Mechanistic Investigations Into The Adhesion Between RFL-Treated Cords and Rubber (4) 545
- Wennekes, Wilco B.; Datta, Rabin N.; Noordermeer, Jacques W.M.; Investigation on the Adhesion Between RFL-treated Reinforcing Cords and Rubber (4) 565
- Winesett, Donald A.; Dias, Anthony J.; Stevens, Paul S.; Tsou, Andy H.; Scanning Transmission X-Ray Microscopy of Curative and Filler Migration of Inner Liner Compounds (1) 14
- Yan, Yuan-Yong, see Hogan, Terrence E.: (2) 194
- Zaborski, Marian; Kunert, Anna; Lewniewska, Ewa; Pietrasik, Joanna; Szynkowska, Malgorzata Iwona; Intercalated Montmorillonites as Fillers of Acrylonitrile-Butadiene Rubbers (2) 279
- Zukas, Walter, see Mead, Joey: (2) 231

# **INDEX** **RUBBER CHEMISTRY AND TECHNOLOGY** **VOLUME 80, 2007** **KEYWORD INDEX**

- 3D-TEM, Nanostructure in Traditional Composites of Natural Rubber and Reinforcing Silica (4) 690
- ABR, Kinetic Modelling of the Thermal Oxidation of Polyisoprene Elastomers (2) 279
- Abrasion, Environmental Friendly Surface Treatment of SBS Rubber with Acidified Chloramine T Aqueous Solutions (1) 139
- Accelerator Variation, Mechanistic Investigations Into The Adhesion Between RFL-Treated Cords and Rubber (4) 545
- Acid Catalyst, Partially Cyclized Natural Rubber in Latex Via Combinations of Benzotrichloride and Sulfuric Acid System (2) 362
- Adhesion, Mechanistic Study on the Role of Sulfurized Para-Aramid Short Fibers in Rubber to Brass Adhesion (2) 296
- Adhesion Interlayer, Characterization of Adhesion Interlayer between Rubber and Brass by a Novel Method of Sample Preparation (1) 61
- Adhesion of Rubber, Environmental Friendly Surface Treatment of SBS Rubber with Acidified Chloramine T Aqueous Solutions (1) 139
- AFM, Filler Distribution and Domain Size of Elastomer Compounds by Solid-State NMR and AFM (1) 1
- Aggregate, Nanostructure in Traditional Composites of Natural Rubber and Reinforcing Silica (4) 690
- Aging, Correlation of Laboratory Tire Endurance and Rubber Aging (4) 726
- Aging, Investigations on Initial Stage of Aging of Tire Rubbers by Chemiluminescence Spectroscopy (5) 762
- Aging Behavior, Dynamic Mechanical and Dielectric Properties of Nanocomposites of Natural Rubber (NR), Carboxylated Styrene Butadiene Rubber (XSBR) Latices and Their Blends (1) 159
- Anionic, Study of Lithiated Thioacetals as Initiators for Living Anionic Polymerization of Butadiene or Butadiene and Styrene. Polymerization and Compounded Polymer Properties (2) 194
- Anisotropy, On Effective Modeling of Laminated Cord-Rubber Composites (4) 608
- Antioxidant, Rubber Vulcanizates Degradation and Stabilization (3) 436
- Antiozonant, Rubber Vulcanizates Degradation and Stabilization (3) 436
- Anti-Reversion, Rubber Vulcanizates Degradation and Stabilization (3) 436
- Asphalt-Polymer Blends, Modeling of the Linear Viscoelastic Behavior of Partially Hydrogenated Polymer- Modified Asphalts (2) 340
- Auto-Oxidation, Dynamic Mechanical and Dielectric Properties of Nanocomposites of Natural Rubber (NR), Carboxylated Styrene Butadiene Rubber (XSBR) Latices and Their Blends (1) 159
- Basic Abrasion Process, Rubber Friction in Relation to Tire Traction (3) 379
- Benzotrichloride, Partially Cyclized Natural Rubber in Latex Via Combinations of Benzotrichloride and Sulfuric Acid System (2) 362
- Bi-Continuous Structure, Generalized Concept of the Reinforcement of Elastomers Part 3: Self-Reinforcement by the Formation of Continuous Hard Phase in Segmented Polyurethane Elastomer (5) 777
- Black-Filled NR, Influence of Some Non-Rubber Components on Aging Behavior of Purified Natural Rubber (5) 820
- Blend, Filler Distribution and Domain Size of Elastomer Compounds by Solid-State NMR and AFM (1) 1
- Blends, Reactive Blending, Reinforcement and Curing of NR/BR/EPDM Compounds for Tire Sidewall Applications (1) 115
- Block Copolymers, Effect of Architecture on the Properties of Polyisobutylene-Based TPE Materials (4) 661
- Branching, Effect of Architecture on the Properties of Polyisobutylene-Based TPE Materials (4) 661
- Breathable Fabric, Fiber Structure and Mechanical Properties of Electrospun Butyl Rubber with Different Carbon Black Types (2) 231
- Butadiene, Study of Lithiated Thioacetals as Initiators for Living Anionic Polymerization of Butadiene or Butadiene and Styrene. Polymerization and Compounded Polymer Properties (2) 194
- Butyl Rubber, Fiber Structure and Mechanical Properties of Electrospun Butyl Rubber with Different Carbon Black Types (2) 231
- Carbon Black Fiber Structure and Mechanical Properties of Electrospun Butyl Rubber with Different Carbon Black Types (2) 231
- Carbon Black, Nano-Structural Elucidation in Carbon Black Loaded NR Vulcanizate by 3D-TEM and In Situ WAXD Measurements (2) 251

- Carbon Black, Study of Adsorption of Iodine on Carbon Black by Inverse Liquid Chromatography, The (5) 895
- Carbon Black Reinforcement, Generalized Concept of the Reinforcement of Elastomers Part I: Carbon Black Reinforcement of Rubbers (4) 701
- Carbon Gel, Generalized Concept of the Reinforcement of Elastomers Part I: Carbon Black Reinforcement of Rubbers (4) 701
- Carboxylated Styrene Butadiene Rubber & Nanoclay (Rubber Nanocomposites), Intercalated Montmorillonites as Fillers of Acrylonitrile-Butadiene Rubbers, (4) 672
- Carboxylated Nitrile Rubber, Polyhedral Oligomeric Silsesquioxane (POSS) Nanoparticles as New Crosslinking Agent for Functionalized Rubber (5) 826
- Chemiluminescence, Investigations on Initial Stage of Aging of Tire Rubbers by Chemiluminescence Spectroscopy (5) 762
- Chlorination, Environmental Friendly Surface Treatment of SBS Rubber with Acidified Chloramine T Aqueous Solutions (1) 139
- Classification, Rubber Reinforcement and Its Classification (3) 533
- Clean Interface, Characterization of Adhesion Interlayer between Rubber and Brass by a Novel Method of Sample Preparation (1) 61
- Color Substances, Composition of Color Substances of Hevea Brasiliensis Natural Rubber (2) 212
- Compatibility, Development and Properties of Novel Thermoplastic Elastomer based on Poly(phenyleneether) (4) 642
- Composite, On Effective Modeling of Laminated Cord-Rubber Composites (4) 608
- Contact Temperature, Rubber Friction in Relation to Tire Traction (3) 379
- Copper Sulfide, Characterization of Adhesion Interlayer between Rubber and Brass by a Novel Method of Sample Preparation (1) 61
- Cord, On Effective Modeling of Laminated Cord-Rubber Composites (4) 608
- Cord Adhesion, Mechanistic Investigations Into The Adhesion Between RFL-Treated Cords and Rubber (4) 545
- Cord Adhesion, Investigation on the Adhesion Between RFL-treated Reinforcing Cords and Rubber (4) 565
- Crack, Effect of a Dwell Period on Fatigue Crack Growth Rates in Filled SBR and NR, The (5) 838
- Crack Growth, Recycled Rubber: The Rubber Granulate - Virgin Rubber Interface (1) 24
- Crack Growth, Correlation of Fatigue Crack Growth Rates in Rubber Subjected to Multiaxial Loading Using Continuum Mechanical Parameters, The (1) 169
- Crack Initiation, Fatigue Life Prediction for Elastomeric Structures (3) 481
- Cracking Energy Density, Correlation of Fatigue Crack Growth Rates in Rubber Subjected to Multiaxial Loading Using Continuum Mechanical Parameters, The (1) 169
- Critical Plane, Correlation of Fatigue Crack Growth Rates in Rubber Subjected to Multiaxial Loading Using Continuum Mechanical Parameters, The (1) 169
- Critical Plane, Fatigue Life Prediction for Elastomeric Structures (3) 481
- Crosslink Distribution, T-peel Tearing of a Model Black-Filled Natural Rubber Tread Ply Vulcanizate (1) 40
- Crosslinking, Mechanochemical Reactions in Black-filled SBR Vulcanizates under Large Deformation (2) 265
- Crosslinking Agent, Polyhedral Oligomeric Silsesquioxane (POSS) Nanoparticles as New Crosslinking Agent for Functionalized Rubber (5) 826
- Cross-Linking Agent, Thermoplastic Elastomers Based on PP/EPDM Blends by Dynamic Vulcanization: A Review (3) 504
- Crosslinking Junctions, <sup>13</sup>C-NMR Spectroscopy of Natural Rubber Vulcanizates (5) 751
- CSR, Elastomers - An Engineering Material (3) 520
- Curative Migration, Mechanistic Investigations Into The Adhesion Between RFL-Treated Cords and Rubber (4) 545
- Curative Migration, Investigation on the Adhesion Between RFL-treated Reinforcing Cords and Rubber (4) 565
- Cure-State, Scanning Transmission X-Ray Microscopy of Curative and Filler Migration of Inner Liner Compounds (1) 14
- Curing, Reactive Blending, Reinforcement and Curing of NR/BR/EPDM Compounds for Tire Sidewall Applications (1) 115
- Cyclized Rubber, Partially Cyclized Natural Rubber in Latex Via Combinations of Benzotrichloride and Sulfuric Acid System (2) 362
- Deformation, Mechanochemical Reactions in Black-filled SBR Vulcanizates under Large Deformation (2) 265
- Degradation, Rubber Vulcanizates Degradation and Stabilization (3) 436
- Deproteinized NR, Partially Cyclized Natural Rubber in Latex Via Combinations of Benzotrichloride and Sulfuric Acid System (2) 362
- Devulcanization, T-peel Tearing of a Model Black-Filled Natural Rubber Tread Ply Vulcanizate (1) 40
- Devulcanization, Molecular Mobility of Unfilled and Carbon-Black-Filled Isoprene Rubber: Proton NMR Transverse Relaxation and Diffusion (5), 854



- Diffusion, Correlation of Laboratory Tire Endurance and Rubber Aging (4) 726
- Diffusion, Molecular Mobility of Unfilled and Carbon-Black-Filled Isoprene Rubber: Proton NMR Transverse Relaxation and Diffusion (5) 854
- Dispersion, Nanoscale Rubber Reinforcement: A Route to Enhanced Intercalation in Rubber-Silicate Nanocomposites Dithiane, Study of Lithiated Thioacetals as Initiators for Living Anionic Polymerization of Butadiene or Butadiene and Styrene. Polymerization and Compounded Polymer Properties (2) 194
- DMRT, Elastomers - An Engineering Material (3) 520
- Double Network, Mechanical and Swelling Behavior of Double Networked Natural Rubber Cured Using a New Binary Accelerator System (5) 809
- Dwell, Effect of a Dwell Period on Fatigue Crack Growth Rates in Filled SBR and NR, The (5) 838
- Dynamic Mechanical and Dielectric, Intercalated Montmorillonites as Fillers of Acrylonitrile-Butadiene Rubbers (4) 672
- Dynamic Mechanical Properties, Intercalated Montmorillonites as Fillers of Acrylonitrile-Butadiene Rubbers (4) 672
- Dynamic Vulcanization, Thermoplastic Elastomers Based on PP/EPDM Blends by Dynamic Vulcanization: A Review (3) 504
- EDX, Mechanistic Study on the Role of Sulfurized Para-Aramid Short Fibers in Rubber to Brass Adhesion (2) 296
- Elastomer, Kinetic Modelling of the Thermal Oxidation of Polyisoprene Elastomers (2) 279
- Electrospinning, Fiber Structure and Mechanical Properties of Electrospun Butyl Rubber with Different Carbon Black Types (2) 231
- Emulsion Model, Modeling of the Linear Viscoelastic Behavior of Partially Hydrogenated Polymer- Modified Asphalts (2) 340
- Energy Dissipation, Rubber Friction in Relation to Tire Traction (3) 379
- Entanglements, Entanglements in Polymer Networks (5) 873
- EPDM, Reactive Blending, Reinforcement and Curing of NR/BR/EPDM Compounds for Tire Sidewall Applications (1) 115
- EPDM Rubber, Oil Distribution in iPP/EPDM Thermoplastic Vulcanizates and in Oil-Extended high MW Polyolefinic Plastic Materials (2) 324
- EPDM Rubber, Peroxide Cured Ethylene-Propylene-Diene/Polypropylene (PP/EPDM) Thermoplastic Vulcanizates Effects of Methacrylate Co-Agents on Properties (1) 83
- Extent of Reaction, Entanglements in Polymer Networks (5) 873
- Fatigue, Correlation of Fatigue Crack Growth Rates in Rubber Subjected to Multiaxial Loading Using Continuum Mechanical Parameters, The (1) 169
- Fatigue, Effect of a Dwell Period on Fatigue Crack Growth Rates in Filled SBR and NR, The (5) 838
- FEA, On Effective Modeling of Laminated Cord-Rubber Composites (4) 608
- FEM, Numerical Simulation of Tire Traction on Various Road Conditions (3) 412
- Filled Elastomer, Influence of Silica and its Different Surface Treatments on the Vulcanization Process of Silica Filled SBR
- Filler, Kinetic Modelling of the Thermal Oxidation of Polyisoprene Elastomers (2) 279
- Filler Loading, Intercalated Montmorillonites as Fillers of Acrylonitrile-Butadiene Rubbers (4) 672
- Fillers, Scanning Transmission X-Ray Microscopy of Curative and Filler Migration of Inner Liner Compounds (1) 14
- Filter Paper, Characterization of Adhesion Interlayer between Rubber and Brass by a Novel Method of Sample Preparation (1) 61
- Flaw Size, Recycled Rubber: The Rubber Granulate - Virgin Rubber Interface (1) 24
- Fluid-Structure Interaction, Numerical Simulation of Tire Traction on Various Road Conditions (3) 412
- Fluorocarbon Rubber, Polyhedral Oligomeric Silsesquioxane (POSS) Nanoparticles as New Crosslinking Agent for Functionalized Rubber (5) 826
- Fractional Maxwell Model, Modeling of the Linear Viscoelastic Behavior of Partially Hydrogenated Polymer- Modified Asphalts (2) 340
- Fractography, Influence of Some Non-Rubber Components on Aging Behavior of Purified Natural Rubber (5) 820
- Fracture Mechanics, Fatigue Life Prediction for Elastomeric Structures (3) 481
- Fracture Surface, Influence of Some Non-Rubber Components on Aging Behavior of Purified Natural Rubber (5) 820
- Growth, Effect of a Dwell Period on Fatigue Crack Growth Rates in Filled SBR and NR, The (5) 838
- Hard Segment Cluster, Generalized Concept of the Reinforcement of Elastomers Part 3: Self-Reinforcement by the Formation of Continuous Hard Phase in Segmented Polyurethane Elastomer (5) 777
- Hevea Brasiliensis, Composition of Color Substances of Hevea Brasiliensis Natural Rubber (2) 212

- Hexamethoxymethylmelamine, Nanoscale Rubber Reinforcement: A Route to Enhanced Intercalation in Rubber-Silicate Nanocomposites (1) 100
- High-Resolution Structural Characterization, Composition of Color Substances of *Hevea Brasiliensis* Natural Rubber (2) 212
- Hydroplaning, Numerical Simulation of Tire Traction on Various Road Conditions (3) 412
- Hyperbranched (Arborescent) Polyisobutylene, Effect of Architecture on the Properties of Polyisobutylene-Based TPE Materials (4) 66
- Hyperelasticity, On Effective Modeling of Laminated Cord-Rubber Composites (4) 608
- Ice Traction, Laboratory Method to Evaluate Comprehensively Abrasion, Traction and Rolling Resistance of Tire Tread Compounds, A (4) 580
- Initiator, Study of Lithiated Thioacetals as Initiators for Living Anionic Polymerization of Butadiene or Butadiene and Styrene. Polymerization and Compounded Polymer Properties (2) 194
- Interface, Recycled Rubber: The Rubber Granulate - Virgin Rubber Interface (1) 24
- Interface Model, Generalized Concept of the Reinforcement of Elastomers Part 1: Carbon Black Reinforcement of Rubbers (4) 701
- Interlaminar, On Effective Modeling of Laminated Cord-Rubber Composites (4) 608
- Interphase Chemistry, Environmental Friendly Surface Treatment of SBS Rubber with Acidified Chloramine T Aqueous Solutions (1) 139
- Inverse Liquid Chromatography, Study of Adsorption of Iodine on Carbon Black by Inverse Liquid Chromatography, The (5) 895
- Iodine and Nitrogen Adsorption, Study of Adsorption of Iodine on Carbon Black by Inverse Liquid Chromatography, The (5) 895
- Isoprene Rubber, Molecular Mobility of Unfilled and Carbon-Black-Filled Isoprene Rubber: Proton NMR Transverse Relaxation and Diffusion (5) 854
- Isoprenoids Compounds, Composition of Color Substances of *Hevea Brasiliensis* Natural Rubber (2) 212
- Kinetic Modelling, Recycled Rubber: The Rubber Granulate - Virgin Rubber Interface (4) 621
- Kinetics, Investigations on Initial Stage of Aging of Tire Rubbers by Chemiluminescence Spectroscopy (5) 762
- Laminate, On Effective Modeling of Laminated Cord-Rubber Composites (4) 608
- Latex, T-peel Tearing of a Model Black-Filled Natural Rubber Tread Ply Vulcanizates (1) 40
- Latex, <sup>13</sup>C-NMR Spectroscopy of Natural Rubber Vulcanizates (5) 751
- Latex Nanocomposites, Intercalated Montmorillonites as Fillers of Acrylonitrile-Butadiene Rubbers (4) 672
- Layered Silicates, Intercalated Montmorillonites as Fillers of Acrylonitrile-Butadiene Rubbers (4) 672
- Linear Viscoelasticity, Modeling of the Linear Viscoelastic Behavior of Partially Hydrogenated Polymer- Modified Asphalts (2) 340
- Living Carbocationic Polymerization, Effect of Architecture on the Properties of Polyisobutylene-Based TPE Materials (4) 661
- Mechanical Properties, Development and Properties of Novel Thermoplastic Elastomer based on Poly(phenyleneether) (4) 642
- Mechanical Properties, Thermoplastic Vulcanizates by Reaction-Induced Phase Separation (2) 311
- Mechanical Properties, Mechanical and Swelling Behavior of Double Networked Natural Rubber Cured Using a New Binary Accelerator System (5) 809
- Mechanisms, Recycled Rubber: The Rubber Granulate - Virgin Rubber Interface (4) 621
- Mechanochemical Reactions, Mechanochemical Reactions in Black-filled SBR Vulcanizates under Large Deformation (2) 265
- Methacrylate Co-Agents, Peroxide Cured Ethylene-Propylene-Diene/Polypropylene (PP/EPDM) Thermoplastic Vulcanizates Effects of Methacrylate Co-Agents on Properties (1) 83
- Microdomain, Generalized Concept of the Reinforcement of Elastomers Part 3: Self-Reinforcement by the Formation of Continuous Hard Phase in Segmented Polyurethane Elastomer (5) 777
- Microscopy, Scanning Transmission X-Ray Microscopy of Curative and Filler Migration of Inner Liner Compounds (1) 14
- Microwave Assisted Vulcanization, Study of the Influence of Microwaves in the Mechanism of Sulfenamide Accelerated Vulcanization of Natural Rubber Using Squalene as a Model Compound (5) 739
- Miscibility, Thermoplastic Vulcanizates by Reaction-Induced Phase Separation (2) 311
- Model Compound Vulcanization, Study of the Influence of Microwaves in the Mechanism of Sulfenamide Accelerated Vulcanization of Natural Rubber Using Squalene as a Model Compound (5) 739



- Molecular Slippage, Generalized Concept of the Reinforcement of Elastomers Part 1: Carbon Black Reinforcement of Rubbers (4) 701
- Montmorillonite, Kinetic Modelling of the Thermal Oxidation of Polyisoprene Elastomers (2) 279
- Montmorillonite, Nanoscale Rubber Reinforcement: A Route to Enhanced Intercalation in Rubber-Silicate Nanocomposites (1) 100
- Mooney, Melvin, Elastomers - An Engineering Material (3) 520
- Morphology, T-peel Tearing of a Model Black-Filled Natural Rubber Tread Ply Vulcanizate (1) 40
- Morphology, Thermoplastic Elastomers Based on PP/EPDM Blends by Dynamic Vulcanization: A Review (3) 504
- Multiaxial, Fatigue Life Prediction for Elastomeric Structures (3) 481
- Nanocomposite, Nanoscale Rubber Reinforcement: A Route to Enhanced Intercalation in Rubber-Silicate Nanocomposites (1) 100
- Nanoparticles, Polyhedral Oligomeric Silsesquioxane (POSS) Nanoparticles as New Crosslinking Agent for Functionalized Rubber (5) 826
- Nano-Structure, Nano-Structural Elucidation in Carbon Black Loaded NR Vulcanizate by 3D-TEM and In Situ WAXD Measurements (2) 251
- Natural Rubber Vulcanizate, Nanostructure in Traditional Composites of Natural Rubber and Reinforcing Silica (4) 690
- NMR, Filler Distribution and Domain Size of Elastomer Compounds by Solid-State NMR and AFM (1) 1
- NMR, <sup>13</sup>C-NMR Spectroscopy of Natural Rubber Vulcanizates (5) 751
- NMR Relaxation, Molecular Mobility of Unfilled and Carbon-Black-Filled Isoprene Rubber: Proton NMR Transverse Relaxation and Diffusion (5) 854
- Non-Rubbers, Dynamic Mechanical and Dielectric Properties of Nanocomposites of Natural Rubber (NR), Carboxylated Styrene Butadiene Rubber (XSBR) Latices and Their Blends (1) 159
- Nonwoven Rubber Fabric, Fiber Structure and Mechanical Properties of Electrospun Butyl Rubber with Different Carbon Black Types (2) 231
- NR, Intercalated Montmorillonites as Fillers of Acrylonitrile-Butadiene Rubbers (4) 672
- NR, Dynamic Mechanical and Dielectric Properties of Nanocomposites of Natural Rubber (NR), Carboxylated Styrene Butadiene Rubber (XSBR) Latices and Their Blends (1) 159
- NR, <sup>13</sup>C-NMR Spectroscopy of Natural Rubber Vulcanizates (5) 751
- NR, Composition of Color Substances of Hevea Brasiliensis Natural Rubber (2) 212
- NR, Mechanical and Swelling Behavior of Double Networked Natural Rubber Cured Using a New Binary Accelerator System (5) 809
- NRV, Nano-Structural Elucidation in Carbon Black Loaded NR Vulcanizate by 3D-TEM and In Situ WAXD Measurements (2) 251
- Oil Distribution, Oil Distribution in iPP/EPDM Thermoplastic Vulcanizates and in Oil-Extended high MW Polyolefinic Plastic Materials (2) 324
- Oil Partitioning, Oil Distribution in iPP/EPDM Thermoplastic Vulcanizates and in Oil-Extended high MW Polyolefinic Plastic Materials (2) 324
- Oxidation, Correlation of Laboratory Tire Endurance and Rubber Aging (4) 726
- Oxidation, Investigations on Initial Stage of Aging of Tire Rubbers by Chemiluminescence Spectroscopy (5) 762
- Oxidation Induction Time, Investigations on Initial Stage of Aging of Tire Rubbers by Chemiluminescence Spectroscopy (5) 762
- Partially Hydrogenated SBS, Modeling of the Linear Viscoelastic Behavior of Partially Hydrogenated Polymer-Modified Asphalts (2) 340
- PCL/Epoxy Blends, Thermoplastic Vulcanizates by Reaction-Induced Phase Separation (2) 311
- Peroxide, Peroxide Cured Ethylene-Propylene-Diene/Polypropylene (PP/EPDM) Thermoplastic Vulcanizates Effects of Methacrylate Co-Agents on Properties (1) 83
- Plane Specific Analysis, Correlation of Fatigue Crack Growth Rates in Rubber Subjected to Multiaxial Loading Using Continuum Mechanical Parameters, The (1) 169
- Poly(Phenylene Ether), Development and Properties of Novel Thermoplastic Elastomer based on Poly(phenyleneether) (4) 642
- Polydienes, Investigations on Initial Stage of Aging of Tire Rubbers by Chemiluminescence Spectroscopy (5) 762
- Polyisoprene, Recycled Rubber: The Rubber Granulate - Virgin Rubber Interface (4) 621
- Polymer Blends, Development and Properties of Novel Thermoplastic Elastomer based on Poly(phenyleneether) (4) 642
- Polymer Networks, Entanglements in Polymer Networks (5) 873

- Polymerization, Study of Lithiated Thioacetals as Initiators for Living Anionic Polymerization of Butadiene or Butadiene and Styrene. Polymerization and Compounded Polymer Properties (2) 194
- POSS, Polyhedral Oligomeric Silsesquioxane (POSS) Nanoparticles as New Crosslinking Agent for Functionalized Rubber (5) 826
- PP, Peroxide Cured Ethylene-Propylene-Diene/Polypropylene (PP/EPDM) Thermoplastic Vulcanizates Effects of Methacrylate Co-Agents on Properties (1) 83
- PP, Oil Distribution in iPP/EPDM Thermoplastic Vulcanizates and in Oil-Extended high MW Polyolefinic Plastic Materials (2) 324
- PP-EPDM Blend, Thermoplastic Elastomers Based on PP/EPDM Blends by Dynamic Vulcanization: A Review (3) 504
- Prediction, Laboratory Method to Evaluate Comprehensively Abrasion, Traction and Rolling Resistance of Tire Tread Compounds, A (4) 580
- Ranimol's Response, Intercalated Montmorillonites as Fillers of Acrylonitrile-Butadiene Rubbers (4) 672
- Reaction-Induced Phase Separation, Thermoplastic Vulcanizates by Reaction-Induced Phase Separation (2) 311
- Reactive Processing, Reactive Blending, Reinforcement and Curing of NR/BR/EPDM Compounds for Tire Sidewall Applications (1) 115
- Reclaim, T-peel Tearing of a Model Black-Filled Natural Rubber Tread Ply Vulcanizate (1) 40
- Recyclability, Development and Properties of Novel Thermoplastic Elastomer based on Poly(phenyleneether) (4) 642
- Recycling, Recycled Rubber: The Rubber Granulate - Virgin Rubber Interface (1) 24
- Reinforcement, Kinetic Modelling of the Thermal Oxidation of Polyisoprene Elastomers (2) 279
- Reinforcement, Reactive Blending, Reinforcement and Curing of NR/BR/EPDM Compounds for Tire Sidewall Applications (1) 115
- Reinforcement Mechanism, Rubber Reinforcement and Its Classification (3) 533
- Residual Extension, Mechanical and Swelling Behavior of Double Networked Natural Rubber Cured Using a New Binary Accelerator System (5) 809
- RFL, Mechanistic Investigations Into The Adhesion Between RFL-Treated Cords and Rubber (4) 545
- RFL, Investigation on the Adhesion Between RFL-treated Reinforcing Cords and Rubber (4) 565
- Roadwheel, Correlation of Laboratory Tire Endurance and Rubber Aging (4) 726
- Rubber, Recycled Rubber: The Rubber Granulate - Virgin Rubber Interface (1) 24
- Rubber, Filler Distribution and Domain Size of Elastomer Compounds by Solid-State NMR and AFM (1) 1
- Rubber Blends, Scanning Transmission X-Ray Microscopy of Curative and Filler Migration of Inner Liner Compounds (1) 14
- Rubber Particles, Partially Cyclized Natural Rubber in Latex Via Combinations of Benzotrichloride and Sulfuric Acid System (2) 362
- Saponification, Dynamic Mechanical and Dielectric Properties of Nanocomposites of Natural Rubber (NR), Carboxylated Styrene Butadiene Rubber (XSBR) Latices and Their Blends (1) 159
- SBR, Influence of Silica and its Different Surface Treatments on the Vulcanization Process of Silica Filled SBR (1) 183
- SBR, Effect of a Dwell Period on Fatigue Crack Growth Rates in Filled SBR and NR, The (5) 838
- Scanning Probe Microscopy, Oil Distribution in iPP/EPDM Thermoplastic Vulcanizates and in Oil-Extended high MW Polyolefinic Plastic Materials (2) 324
- Segmented Polyurethane, Generalized Concept of the Reinforcement of Elastomers Part 3: Self-Reinforcement by the Formation of Continuous Hard Phase in Segmented Polyurethane Elastomer (5) 777
- SEM-EDX, Characterization of Adhesion Interlayer between Rubber and Brass by a Novel Method of Sample Preparation (1) 61
- SEM-EDX, Mechanistic Investigations Into The Adhesion Between RFL-Treated Cords and Rubber (4) 545
- SEM-EDX, Investigation on the Adhesion Between RFL-treated Reinforcing Cords and Rubber (4) 565
- Shear Modulus G, Elastomers - An Engineering Material (3) 520
- Short Fiber, Mechanistic Study on the Role of Sulfurized Para-Aramid Short Fibers in Rubber to Brass Adhesion (2) 296
- Silane, Influence of Silica and its Different Surface Treatments on the Vulcanization Process of Silica Filled SBR (1) 183
- Silica, Influence of Silica and its Different Surface Treatments on the Vulcanization Process of Silica Filled SBR (1) 183
- Silica, Nanostructure in Traditional Composites of Natural Rubber and Reinforcing Silica (4) 690
- Size Distribution, Nanostructure in Traditional Composites of Natural Rubber and Reinforcing Silica (4) 690
- Slip Speed, Rubber Friction in Relation to Tire Traction (3) 379
- Sol Fraction, Entanglements in Polymer Networks (5) 873

- Specific Surfaces, Study of Adsorption of Iodine on Carbon Black by Inverse Liquid Chromatography, The (5) 895
- Squalene, Study of the Influence of Microwaves in the Mechanism of Sulfenamide Accelerated Vulcanization of Natural Rubber Using Squalene as a Model Compound (5) 739
- Squalene Model, Mechanistic Study on the Role of Sulfurized Para-Aramid Short Fibers in Rubber to Brass Adhesion (2) 296
- Stabilization, Rubber Vulcanizates Degradation and Stabilization (3) 436
- Stick-Slip Tearing, Influence of Some Non-Rubber Components on Aging Behavior of Purified Natural Rubber (5) 820
- Strain-Induced Crystallization, Nano-Structural Elucidation in Carbon Black Loaded NR Vulcanizate by 3D-TEM and In Situ WAXD Measurements (2) 251
- Stress-Strain, Elastomers - An Engineering Material (3) 520
- Stress-Strain Relation, Generalized Concept of the Reinforcement of Elastomers Part 3: Self-Reinforcement by the Formation of Continuous Hard Phase in Segmented Polyurethane Elastomer (5) 777
- STXM, Scanning Transmission X-Ray Microscopy of Curative and Filler Migration of Inner Liner Compounds (1) 14
- Sulfenamide, Study of the Influence of Microwaves in the Mechanism of Sulfenamide Accelerated Vulcanization of Natural Rubber Using Squalene as a Model Compound (5) 739
- Sulfurized Para-Aramid Fiber, Mechanistic Study on the Role of Sulfurized Para-Aramid Short Fibers in Rubber to Brass Adhesion (2) 296
- Sulphur Vulcanization, Recycled Rubber: The Rubber Granulate - Virgin Rubber Interface (4) 621
- Super-Network Structure, Generalized Concept of the Reinforcement of Elastomers Part 1: Carbon Black Reinforcement of Rubbers (4) 701
- Surface Energy Distribution, Study of Adsorption of Iodine on Carbon Black by Inverse Liquid Chromatography, The (5) 895
- Surface Treatment, Environmental Friendly Surface Treatment of SBS Rubber with Acidified Chloramine T Aqueous Solutions (1) 139
- Swelling, Entanglements in Polymer Networks (5) 873
- Tensile, Nanoscale Rubber Reinforcement: A Route to Enhanced Intercalation in Rubber-Silicate Nanocomposites (1) 100
- Thermal Oxidation, Recycled Rubber: The Rubber Granulate - Virgin Rubber Interface (4) 621
- Thermoplastic Elastomer, Development and Properties of Novel Thermoplastic Elastomer based on Poly(phenyleneether) (4) 642
- Thermoplastic Elastomer, Thermoplastic Elastomers Based on PP/EPDM Blends by Dynamic Vulcanization: A Review (3) 504
- Thermoplastic Elastomers, Effect of Architecture on the Properties of Polyisobutylene-Based TPE Materials (4) 661
- Thermoplastic Rubber, Environmental Friendly Surface Treatment of SBS Rubber with Acidified Chloramine T Aqueous Solutions (1) 139
- Three-Dimensional Transmission Electron Microscopy, Nano-Structural Elucidation in Carbon Black Loaded NR Vulcanizate by 3D-TEM and In Situ WAXD Measurements (2) 251
- Tire, Correlation of Laboratory Tire Endurance and Rubber Aging (4) 726
- Tire, Numerical Simulation of Tire Traction on Various Road Conditions (3) 412
- Tire Road Test Simulation, Rubber Friction in Relation to Tire Traction (3) 379
- Tire Tread Compound, Laboratory Method to Evaluate Comprehensively Abrasion, Traction and Rolling Resistance of Tire Tread Compounds, A (4) 580
- T-Peel, Influence of Some Non-Rubber Components on Aging Behavior of Purified Natural Rubber (5) 820
- TPV, Peroxide Cured Ethylene-Propylene-Diene/Polypropylene (PP/EPDM) Thermoplastic Vulcanizates Effects of Methacrylate Co-Agents on Properties (1) 83
- TPV, Filler Distribution and Domain Size of Elastomer Compounds by Solid-State NMR and AFM (1) 1
- TPV, Oil Distribution in iPP/EPDM Thermoplastic Vulcanizates and in Oil-Extended high MW Polyolefinic Plastic Materials (2) 324
- TPV, Thermoplastic Vulcanizates by Reaction-Induced Phase Separation (2) 311
- Traction, Numerical Simulation of Tire Traction on Various Road Conditions (3) 412
- Types of Reinforcement, Rubber Reinforcement and Its Classification (3) 533
- Ultrasound, Molecular Mobility of Unfilled and Carbon-Black-Filled Isoprene Rubber: Proton NMR Transverse Relaxation and Diffusion (5) 854
- Variable Amplitude, Fatigue Life Prediction for Elastomeric Structures (3) 481
- Vinylpyridine Latex, Investigation on the Adhesion Between RFL-treated Reinforcing Cords and Rubber (4) 565

Vulcanization, Influence of Silica and its Different Surface Treatments on the Vulcanization Process of Silica Filled SBR (1) 183

Vulcanization, <sup>13</sup>C-NMR Spectroscopy of Natural Rubber Vulcanizates (5) 751

Wear Resistance, Laboratory Method to Evaluate Comprehensively Abrasion, Traction and Rolling Resistance of Tire Tread Compounds, A (4) 580

Wet Traction, Laboratory Method to Evaluate Comprehensively Abrasion, Traction and Rolling Resistance of Tire Tread Compounds, A (4) 580

Zinc & Magnesium Oxides, Study of the Influence of Microwaves in the Mechanism of Sulfenamide Accelerated Vulcanization of Natural Rubber Using Squalene as a Model Compound (5) 739

